
Introduction

Feature Group D (FGD) provides access to corporate networks from off-network sources. Feature Group D defines interconnection rules between the Local Exchange Carrier (LEC) and an Inter-Exchange Carrier (IEC) such as AT&T or MCI. These rules provide Equal Access (EA), which guarantees that all carriers are processed equally by defining level of service and quality of transmission. Feature Group D (FGD) provides the following services:

- Routes calls between Local Access and Transport Areas (inter-LATA calls) from presubscribed telephones to the IEC's Point of Termination (POT). Individual calling customers can designate one IEC to whom inter-LATA calls should be routed.
- Routes all calls prefixed by the Carrier Access Code (CAC) to the user-selected carrier.
- Passes dialed digits, Automatic Number Identification (ANI) digits, and other information to the carrier for billing, screening, routing, and other call services.

Other documentation

Refer to the following documents for additional information:

- *X11 features and services* (553-3001-305)
- *X11 input/output guide* (553-3001-400)
- *Call Detail Recording description and formats* (553-2631-100)
- *Traffic measurement formats and output* (553-2001-450)

Required packages

Feature Group D (FGD), package number 158, requires the following packages:

- Basic Alternate Route Selection (BARS), package 57
 - Network Alternate Route Selection (NARS), package 58, is recommended to support greater flexibility and translation capability.
- Network Class of Service (NCOS), package 32
- Basic Routing (BRTE), package 14

The following packages are required for additional optional capabilities:

- Call Detail Recording Expansion (CDRE), package 151, provides Automatic Number Identification (ANI) information in the records.
- Digit Display (DDSP), package 19, allows Automatic Number Identification (ANI) display.
- Network Authorization Code (NAUT), package 63, provides Network Authorization functions.
 - NAUT requires Basic Authorization Code (BAUT), package 25, and Charge Account (CAB), package 24.
- Automatic Trunk Maintenance (ATM), package 84, allows Automatic Trunk Maintenance capabilities. ATM cannot be invoked on trunks controlled by a D-channel (DCH).
 - ATM requires Tone Detector (TDET), package 65.
- ISDN Primary Rate Interface (PRI), package 146, or ISDN Signaling Link (ISL), package 147, is required to provide Automatic Number Identification (ANI) digits as Calling Line Identification (CLID).
 - ISDN Signaling (ISDN), package 145, is required for either PRI or ISL.